



Sheet 1 of 1

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTORNEY DOCKET NO. 1572.1168	APPLICATION NO. 10/686,669
	FIRST NAMED INVENTOR Man-hee LEE	
	FILING DATE October 17, 2003	GROUP ART UNIT 2644

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	<u>TRANSLATION</u> YES NO		ABSTRACT
/DP/	AG	1998-024099	07/25/1998	Korea		X	Yes
	AH						
	AI						
	AJ						
	AK						
	AL						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

<u>TRANSLATION</u>	
YES	NO

	AM		
--	----	--	--

EXAMINER /Disler Paul/	DATE CONSIDERED 04/11/2007
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

ATTORNEY DOCKET NO.

1572.1168

APPLICATION NO.

Unassigned

FIRST NAMED INVENTOR

Man-hee LEE

FILING DATE

October 17, 2003

GROUP ART UNIT

Unassigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
/DP/	AA	5,946,604	08/31/1999	Bailey			
/DP/	AB	6,009,519	12/28/1999	Jones et al.			
/DP/	AC	6,233,633 B1	05/15/2001	Douma			
	AD						
	AE						
	AF						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
/DP/	AG	2000-49675	08/05/2000	Korea				
/DP/	AH	2000-170540	11/27/1999	Korea				
/DP/	AI	8-241176	09/17/1996	Japan				
	AJ							
	AK							
	AL							

OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AM	
	AN	
	AO	

EXAMINER

/Disler Paul/

DATE CONSIDERED

04/11/2007

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ATTACHMENT 1(e)

EXPLANATIONS OF RELEVANCY OF REFERENCES	ATTORNEY DOCKET NO. 1572.1168	APPLICATION NO. Unassigned
	FIRST NAMED INVENTOR Man-hee LEE	
	FILING DATE October 17, 2003	GROUP ART UNIT Unassigned

The foreign references cited in items AG-AI in the FORM PTO-1449 attached hereto generally relate to a computer system using a sound card.



Sheet 1 of 1

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.

1572.1168

APPLICATION NO.

10/686,669

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

FIRST NAMED INVENTOR

Man-hee LEE

FILING DATE

October 17, 2003

GROUP ART UNIT

2615

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	TRANSLATION YES NO		ABSTRACT
/DP/	AG	JP 2001-509610	07/24/2001	JAPAN		X	X
↓	AH	JP 11-069478	03/09/1999	JAPAN		X	X
↓	AI	JP 2001-025085	01/26/2001	JAPAN		X	X
↓	AJ	JP 2002-199487	07/12/2002	JAPAN		X	X
	AK						
	AL						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

TRANSLATION
YES NO

AM

EXAMINER

/DP/

/Disler Paul/

DATE CONSIDERED

09/12/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



ATTACHMENT 1(g)

LIST OF ADDITIONAL SUBMITTED DOCUMENTS	ATTORNEY DOCKET NO.	APPLICATION NO.
	1572.1168	10/686,669
	FIRST NAMED INVENTOR	
	Man-hee LEE	
	FILING DATE	GROUP ART UNIT
	October 17, 2003	2615

The following document(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application.

It is requested that the Examiner acknowledge his consideration of document(s) below-listed by initialing same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application; and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
	AC							
	AD							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							TRANSLATION	
							YES	NO
/DP/	AE	Japanese Office Action mailed on April 17, 2007 issued with respect to the corresponding Japanese Patent Application No. 2003-348053.						X

EXAMINER /Disler Paul/	DATE CONSIDERED 09/12/2007
*EXAMINER: Initial if document considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	